



COUNTY OF SAN DIEGO
Great Government Through the General Management System – Quality, Timeliness, Value
DEPARTMENT OF HUMAN RESOURCES

CLASS SPECIFICATION

CLASSIFIED

WELDER

Class No. 006180

■ CLASSIFICATION PURPOSE

To perform welding, brazing, cutting, and/or heating operations in the maintenance of county facilities and vehicles; and to perform related work.

■ DISTINGUISHING CHARACTERISTICS

Welder is a class allocated only in the Department of General Services. Welders report to a Building Maintenance Supervisor or Facilities Superintendent and are responsible for performing journey level welding tasks in the maintenance of county facilities and vehicles.

■ FUNCTIONS

The examples of functions listed in the class specification(s) are representative but not necessarily exhaustive or descriptive of any one position in the class(es). Management is not precluded from assigning other related functions not listed herein if such duties are a logical assignment for the position.

Essential Functions:

1. Welds, brazes, cuts, heats, and bends all types and sizes of metals, bars, chain fences, piping systems, boilers, storage tanks, and heavy construction equipment within county facilities.
2. Operates oxyacetylene torch and electric arc welding equipment.
3. Straightens, welds, and builds up components of construction equipment.
4. Fabricates, repairs, and installs a wide variety of equipment and components.
5. Hard-faces cutting edges and other high wear surfaces.
6. Ensures that welding equipment and apparatus are in proper condition.
7. Drives a field welding truck.
8. Provides responsive, high quality service to County employees, representatives of outside agencies and members of the public by providing accurate, complete and up-to-date information, in a courteous, efficient and timely manner.

■ KNOWLEDGE, SKILLS AND ABILITIES

Knowledge of:

- Methods and techniques used in oxyacetylene and electric arc welding.
- Methods and techniques used in maintaining welding equipment.
- Shop and field safety practices.
- Shop organization and scheduling.
- Operation of field welding truck.
- County customer service objectives and strategies.

Skills and Abilities to:

- Perform welding, brazing, cutting, heating, and bending of all types and sizes of metals.
- Operate oxyacetylene and electric arc welding apparatus in fabricating parts, pipefitting, and welding on bars, fences, boilers, storage tanks, and heavy-duty construction equipment.
- Operate a field welding truck.
- Effectively communicate orally and in writing.

- Establish effective working relationships with management, employees, employee representatives and the public representing diverse cultures and backgrounds.
- Treat County employees, representatives of outside agencies and members of the public with courtesy and respect.
- Assess the customer's immediate needs and ensure customer's receipt of needed services through personal service or referral.
- Exercise appropriate judgment in answering questions and releasing information; analyze and project consequences of decisions and/or recommendations.

■ EDUCATION/EXPERIENCE

Education, training, and/or experience that demonstrate possession of the knowledge, skills, and abilities listed above. An example of qualifying education/experience is: four (4) years of experience performing welding work on a wide variety of facilities and vehicles, using oxyacetylene and electric arc welding equipment, two years (2) of which must have been at the journey-level.

Note: Possession of a current welder's certificate is highly desirable.

■ ESSENTIAL PHYSICAL CHARACTERISTICS

The physical characteristics described here are representative of those that must be met by an employee to successfully perform the essential functions of the classification(s). Reasonable accommodation may be made to enable an individual with qualified disabilities to perform the essential functions of a job, on a case-by-case basis.

Incumbents frequently lift and/or move objects, such as acetylene tanks, metal objects, and fabricating components, weighing up to 50 pounds, and occasionally up to 70 pounds. Specific vision abilities required by this job include close vision, depth perception, and the ability to adjust focus.

While performing the duties of this job, incumbent is frequently required to walk, sit, climb, balance, stoop, kneel, crouch, or crawl. Incumbent is frequently required to use to finger, handle, feel, or operate objects, tools, or controls; and is frequently required to reach with hands and arms.

■ SPECIAL NOTES, LICENSES, OR REQUIREMENTS

License

A valid California class C driver's license, which must be maintained throughout employment in this class, is required at time of appointment. Employees in this class may be required to use their own vehicle.

A valid California class B driver's license, which must be maintained throughout employment in this class, is required before the end of probationary period.

Certification/Registration

None Required.

Working Conditions

Incumbents may occasionally be exposed to electrical hazards, fumes, moving mechanical parts, and cramped workspaces. May work in areas that are asbestos-laden, and are subject to working emergency overtime or callback work when necessary.

Background Investigation

Must have a reputation for honesty and trustworthiness. Misdemeanor and/or felony convictions may be disqualifying depending on type, number, severity, and recency. Prior to appointment, candidates will be subject to a background investigation.

Probationary Period

Incumbents appointed to permanent positions in this class shall serve a probationary period of 6 months (Civil Service Rule 4.2.5).

New: January 27, 1960
Revised: March 17, 2003
Reviewed: Spring 2004

Welder (Class No. 006180)

Union Code: CR

Variable Entry: N